Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.

Quality Engineering Test Report

SERIES: SKE10B 10W DC-DC SINGLE OUTPUT CONVERTER

SAMPLE: A.SKE10B-24 +24V / 420mA

NO	TEST ITEM	TEST CONDITION / SPECIFICATION	RESULT	VERDICT
1	DC INPUT VOLTAGE RANGE	I/P:TESTING SPEC: 18~36VDC O/P:FULL LOAD	A:14~36VDC	P
2	LINE REGULATION	I/P:18~36VDC SPEC: ±0.3% O/P:FULL LOAD	A:-0.01%~+0.01%	P
3	LOAD REGULATION	I/P:24VDC SPEC: ±1% O/P:MIN. TO FULL LOAD	A:-0.01%~+0.05%	P
4	OUTPUT VOLTAGE TOLERANCE	I/P:18~36VDC SPEC: NONE O/P:MIN. TO FULL LOAD	A:-0.02%~+0.06%	P
5	RIPPLE&NOISE	I/P:24VDC SPEC: 80mV O/P:FULL LOAD	A:15mV	P
6	DC INPUT CURRENT	I/P:24VDC SPEC: 550mA O/P:FULL LOAD	A:508mA	P
7	O/P VOLTAGE ACCURACY	I/P:24VDC SPEC: ±2% O/P:MIN. LOAD	A:+0.02%	P
8	SET UP TIME	I/P:24VDC SPEC: NONE O/P:FULL LOAD	A:16.1mS	P
9	EFFICIENCY	I/P:24VDC SPEC: 83% TYP O/P:FULL LOAD	A:82.8%	P
10	OVER LOAD PROTECTION	I/P:24VDC SPEC: 160~250% O/P:TESTING	A:196%	P
11	INSULATION RESISTANCE	SPEC:I/P--O/P 500VDC/1000M Ohms MIN.	A:I/P--O/P > 1000M Ohms	P
12	DIELECTRIC / WITHSTAND VOLTAGE	SPEC: I/P-- O/P: 500VDC/ 1 min (10mA CUT-OFF)	A:NO BREAK I/P--O/P :<0.02mA	P
13	BURN-IN TEST	I/P:24VDC O/P:FULL LOAD TA:25 °C BURN-IN DURATION : 96 hrs	A:NO BREAK	P
14	TEMPERATURE RISE TEST T rise OF PARTS	A:I/P :24VDC AFTER 96 hrs BURN-IN O/P :FULL LOAD TA:25 °C		P
15	CONSTRUCTION INSPECTION (FOR QC INSPECTION REFERENCE ONLY)	1. PACKING : 塑膠軌道型包裝 2. MARKING : MODEL LABELx1 3. MECHANICAL : SIX-SIDE SHIELDED CASE, PIN :1.0 Øx7mm		

POSITION	SAMPLE	TEMP	T rise
CASE	SKE10B-24	52.0°C	27.0°C

DATE	SAMPLE	TEST RESULT	TEST	APPROVAL
2000.12.18	SKE-10B-24	PASS	T.K.CHENG	MAX LIN